

## WB-57 #928 06/24/15 - 10/23/15

**Aircraft:**[WB-57 #928](#) (See full schedule)**Flight Number:**

1

**Payload Configuration:**

HDSS

**Nav Data Collected:**

No

**Total Flight Time:**

82.8 hours

**Submitted by:**

Debra Willett on 02/12/16

**Flight Segments:**

<b>From:</b>	KEFD	<b>To:</b>	KEFD
<b>Start:</b>	06/24/15 18:55 Z	<b>Finish:</b>	06/24/15 22:35 Z
<b>Flight Time:</b>	3.7 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	HIGH; HDSS TEST FLIGHT		

<b>From:</b>	KEFD	<b>To:</b>	KEFD
<b>Start:</b>	07/22/15 17:59 Z	<b>Finish:</b>	07/22/15 21:15 Z
<b>Flight Time:</b>	3.3 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	HIGH; HDSS TEST FLIGHT		

<b>From:</b>	KEFD	<b>To:</b>	KWRB
<b>Start:</b>	08/28/15 10:15 Z	<b>Finish:</b>	08/28/15 12:30 Z
<b>Flight Time:</b>	2.3 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Ferry		
<b>Comments:</b>	LOW; HDSS and HIRAD		

<b>From:</b>	KWRB	<b>To:</b>	KWRB
<b>Start:</b>	08/30/15 10:42 Z	<b>Finish:</b>	08/30/15 15:11 Z
<b>Flight Time:</b>	4.5 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	HIGH; HDSS and HIRAD; Storm-ERICKA		

<b>From:</b>	KWRB	<b>To:</b>	KEFD
<b>Start:</b>	08/31/15 11:54 Z	<b>Finish:</b>	08/31/15 13:57 Z
<b>Flight Time:</b>	2.1 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		

<b>Purpose of Flight:</b>	Ferry		
<b>Comments:</b>	HIGH; HDSS and HIRAD		

  

<b>From:</b>	KEFD	<b>To:</b>	KHRL
<b>Start:</b>	09/26/15 09:59 Z	<b>Finish:</b>	09/26/15 11:15 Z
<b>Flight Time:</b>	1.3 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Ferry		
<b>Comments:</b>	LOW; HDSS, HIRAD, O3 and H2O/SO2		

  

<b>From:</b>	KHRL	<b>To:</b>	KHRL
<b>Start:</b>	09/27/15 13:05 Z	<b>Finish:</b>	09/27/15 18:35 Z
<b>Flight Time:</b>	5.5 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	HIGH; HDSS, HIRAD, O3 and H2O/SO2; Storm-MARTY		

  

<b>From:</b>	KHRL	<b>To:</b>	KHRL
<b>Start:</b>	09/28/15 11:44 Z	<b>Finish:</b>	09/28/15 17:20 Z
<b>Flight Time:</b>	5.6 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	HIGH; HDSS, HIRAD, O3 and H2O/SO2; Storm-MARTY		

  

<b>From:</b>	KHRL	<b>To:</b>	KEFD
<b>Start:</b>	09/29/15 10:09 Z	<b>Finish:</b>	09/29/15 11:23 Z
<b>Flight Time:</b>	1.2 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Ferry		
<b>Comments:</b>	LOW; HDSS, HIRAD, O3 and H2O/SO2		

  

<b>From:</b>	KEFD	<b>To:</b>	KWRB
<b>Start:</b>	10/01/15 07:57 Z	<b>Finish:</b>	10/01/15 09:57 Z
<b>Flight Time:</b>	2 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Ferry		
<b>Comments:</b>	LOW; HDSS, HIRAD, O3		

  

<b>From:</b>	KWRB	<b>To:</b>	KWRB
<b>Start:</b>	10/02/15 11:12 Z	<b>Finish:</b>	10/02/15 16:33 Z
<b>Flight Time:</b>	5.4 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		

<b>Comments:</b>	HIGH; HDSS, HIRAD, O3; Storm-Joaquin		
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<b>From:</b>	KWRB	<b>To:</b>	KWRB
<b>Start:</b>	10/03/15 11:01 Z	<b>Finish:</b>	10/03/15 16:54 Z
<b>Flight Time:</b>	5.9 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	HIGH; HDSS, HIRAD, O3; Storm-Joaquin		

<b>From:</b>	KWRB	<b>To:</b>	KWRB
<b>Start:</b>	10/05/15 10:45 Z	<b>Finish:</b>	10/05/15 16:35 Z
<b>Flight Time:</b>	5.8 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	HIGH; HDSS, HIRAD, O3; Storm-Joaquin		

<b>From:</b>	KWRB	<b>To:</b>	KEFD
<b>Start:</b>	10/06/15 10:03 Z	<b>Finish:</b>	10/06/15 12:08 Z
<b>Flight Time:</b>	2.1 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Ferry		
<b>Comments:</b>	LOW; HDSS, HIRAD, O3		

<b>From:</b>	KHRL	<b>To:</b>	KHRL
<b>Start:</b>	10/21/15 12:10 Z	<b>Finish:</b>	10/21/15 17:35 Z
<b>Flight Time:</b>	5.4 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	LOW; HDSS, HIRAD, O3, H2O/SO2, MMS, WAS; Storm-Patricia		

<b>From:</b>	KHRL	<b>To:</b>	KHRL
<b>Start:</b>	10/22/15 10:58 Z	<b>Finish:</b>	10/22/15 16:34 Z
<b>Flight Time:</b>	5.6 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	HIGH; HDSS, HIRAD, O3, H2O/SO2, MMS, WAS; Storm-Patricia		

<b>From:</b>	KHRL	<b>To:</b>	KEFD
<b>Start:</b>	10/23/15 13:08 Z	<b>Finish:</b>	10/23/15 19:23 Z
<b>Flight Time:</b>	6.3 hours		
<b>Log Number:</b>	<a href="#">16W004</a> - Completed as of this flight.	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Ferry		
<b>Comments:</b>	LOW; HDSS, HIRAD, O3, H2O/SO2, MMS, WAS		

<b>From:</b>	KWRB	<b>To:</b>	KWRB
<b>Start:</b>	10/04/15 11:27 Z	<b>Finish:</b>	10/04/15 17:16 Z
<b>Flight Time:</b>	5.8 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	HIGH; HDSS, HIRAD, O3; Storm-Joaquin		

<b>From:</b>	KEFD	<b>To:</b>	KHRL
<b>Start:</b>	10/19/15 14:05 Z	<b>Finish:</b>	10/19/15 17:35 Z
<b>Flight Time:</b>	3.5 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Ferry		
<b>Comments:</b>	HIGH; HDSS, HIRAD, O3, H2O/SO2, MMS, WAS; Storm-Patricia		

<b>From:</b>	KHRL	<b>To:</b>	KHRL
<b>Start:</b>	10/20/15 12:57 Z	<b>Finish:</b>	10/20/15 18:24 Z
<b>Flight Time:</b>	5.5 hours		
<b>Log Number:</b>	<a href="#">16W004</a>	<b>PI:</b>	Peter Black
<b>Funding Source:</b>	John Cook - NRL - TC Outflow Dynamics Field Project		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	HIGH; HDSS, HIRAD, O3, H2O/SO2, MMS, WAS; Storm-Patricia		

#### Flight Hour Summary:

	15W001	16W004
<b>Flight Hours Approved in SOFRS</b>		
<b>Total Used</b>	0	82.8
<b>Total Remaining</b>		-82.8

#### 16W004 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
<a href="#">06/24/15</a>	1	Science	3.7	3.7	-3.7
<a href="#">07/22/15</a>	1	Science	3.3	7	-7
<a href="#">08/28/15</a>	1	Ferry	2.3	9.3	-9.3
<a href="#">08/30/15</a>	1	Science	4.5	13.8	-13.8
<a href="#">08/31/15</a>	1	Ferry	2.1	15.9	-15.9
<a href="#">09/26/15</a>	1	Ferry	1.3	17.2	-17.2
<a href="#">09/27/15</a>	1	Science	5.5	22.7	-22.7
<a href="#">09/28/15</a>	1	Science	5.6	28.3	-28.3
<a href="#">09/29/15</a>	1	Ferry	1.2	29.5	-29.5
<a href="#">10/01/15</a>	1	Ferry	2	31.5	-31.5
<a href="#">10/02/15</a>	1	Science	5.4	36.9	-36.9
<a href="#">10/03/15</a>	1	Science	5.9	42.8	-42.8
<a href="#">10/05/15</a>	1	Science	5.8	48.6	-48.6
<a href="#">10/06/15</a>	1	Ferry	2.1	50.7	-50.7
<a href="#">10/21/15</a>	1	Science	5.4	56.1	-56.1
<a href="#">10/22/15</a>	1	Science	5.6	61.7	-61.7
<a href="#">10/23/15</a>	1	Ferry	6.3	68	-68
<a href="#">10/04/15</a>	1	Science	5.8	73.8	-73.8
<a href="#">10/19/15</a>	1	Ferry	3.5	77.3	-77.3

**Source URL:** [https://airbornescience.nasa.gov/flight\\_reports/WB-57\\_928\\_06\\_24\\_15\\_-\\_10\\_23\\_15](https://airbornescience.nasa.gov/flight_reports/WB-57_928_06_24_15_-_10_23_15)

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*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

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